

Service Pack 4 Overview

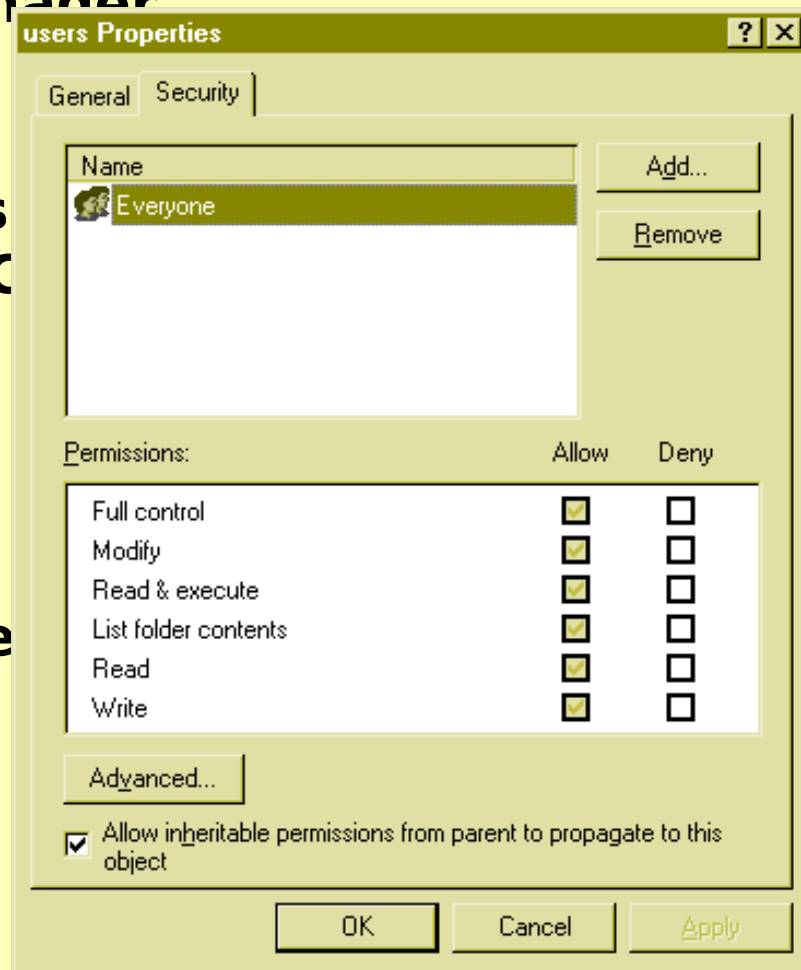
- **Contains all fixes in SP3 and post-SP3 hotfixes**
- **New features**
 - **NTLM version 2 protocol (LMCompatibilityLevel registry key)**
 - **Y2K fixes (User Manager, Word)**
 - **DCOM/HTTP tunneling through firewalls (client/server communication over port 80)**
 - **Option Pack fixes (updates to Certificate Server, Microsoft Transaction Server, MSMQ)**
 - **DNS query sequence numbers (harder to predict?)**
 - **more...**
- **README located at <http://support.microsoft.com/download/support/msfiles/SP4128.txt>**

Service Pack 4 - SCM

- **Security Configuration Manager (add-on)**

- **Available for download at:**
<ftp://ftp.microsoft.com/buswinnt/winnt-public/tools/SCM>

- **Centralizes system configurations**
- **Changes ACL editor**
- **Applies settings from pre-configured template**



Service Pack 4 Issues

- **Installation issues**
 - **SP4 does not remove reference to Post-SP3 hotfixes**
 - **Need to manually remove information from registry**
 - **<http://support.microsoft.com/support/kb/articles/q194/3/34.asp>**
- **Uninstallation issues**
 - **SP4 changes SAM files (samsrv.dll, samlib.dll, lsasrv.dll)**
 - **Files are not replaced when uninstalling SP4**
 - **If uninstalling SP4 and reinstalling SP3, do not replace these files when prompted (documented in README)**
- **Currently three hotfixes (Nprpc-fix, Tcpip-fix, Clik-fix)**

Service Pack 4

- **List of bugs/reported problems**
 - **<http://www.nthelp.com/nt4sp4.htm>**
 - **<http://support.microsoft.com/support>**
- **Hotfixes provided by Microsoft at**
<ftp://ftp.microsoft.com/bussys/winnt/winnt-public/fixes/usa/nt40/hotfixes-postSP4/>
- **Service Pack 4 (128-bit) available at**
<http://mssecure.www.conxion.com/cgi-bin/ntitar.pl>

FY99 Tasking

- **SPAWAR**
 - **Revise “Secure Windows NT Installation and Configuration Guide” as Version 2.0**
 - **Produce SCM templates based on IT-21 guide settings**
- **DII COE**
 - **Compare SCM to NTSCON and NTSecWiz tools**
 - **Produce SCM templates based on DII COE guide settings**
 - **SP4 targeted for COE 4.0.1**